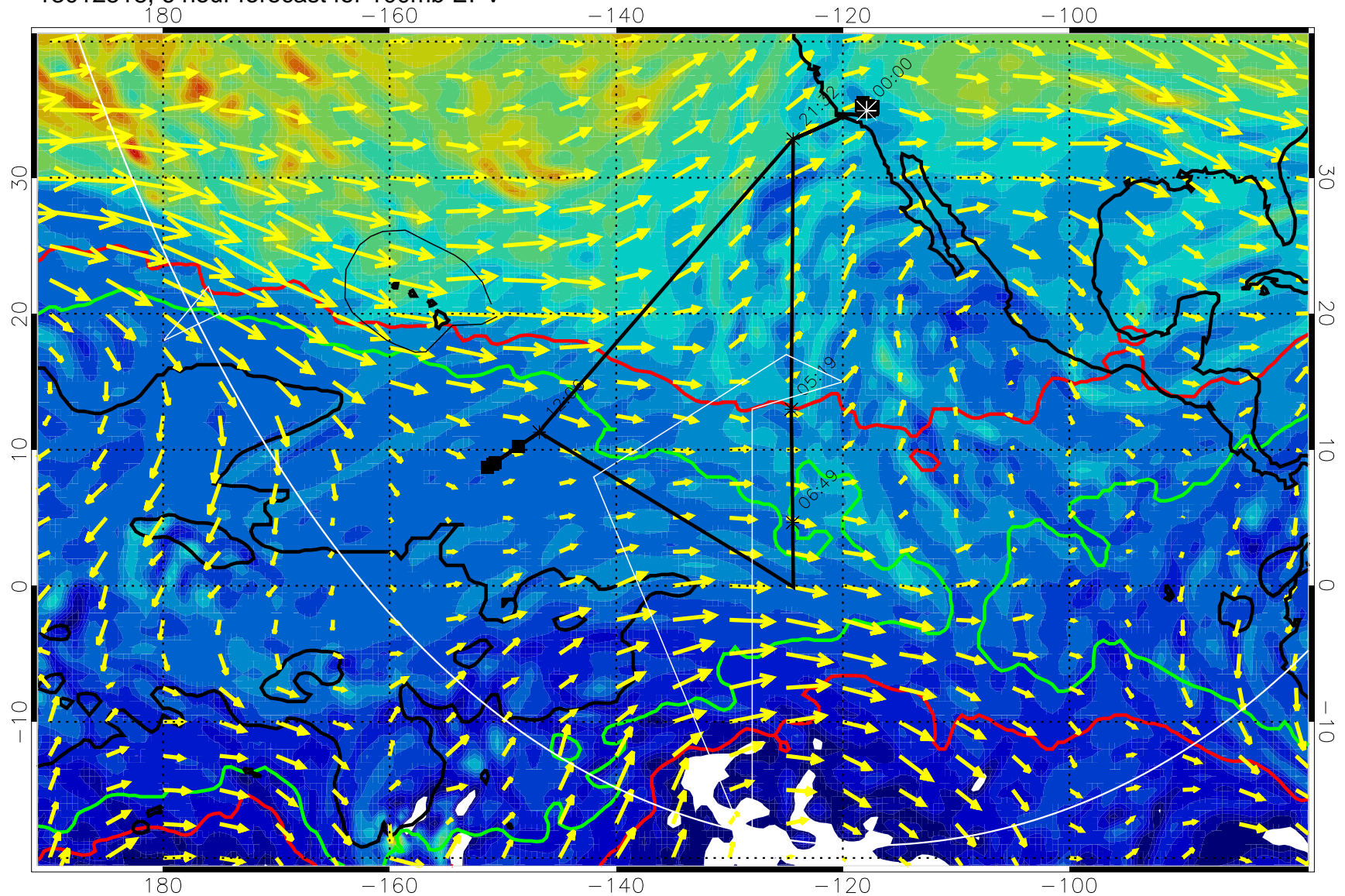


13012518, 6 hour forecast for 100mb EPV

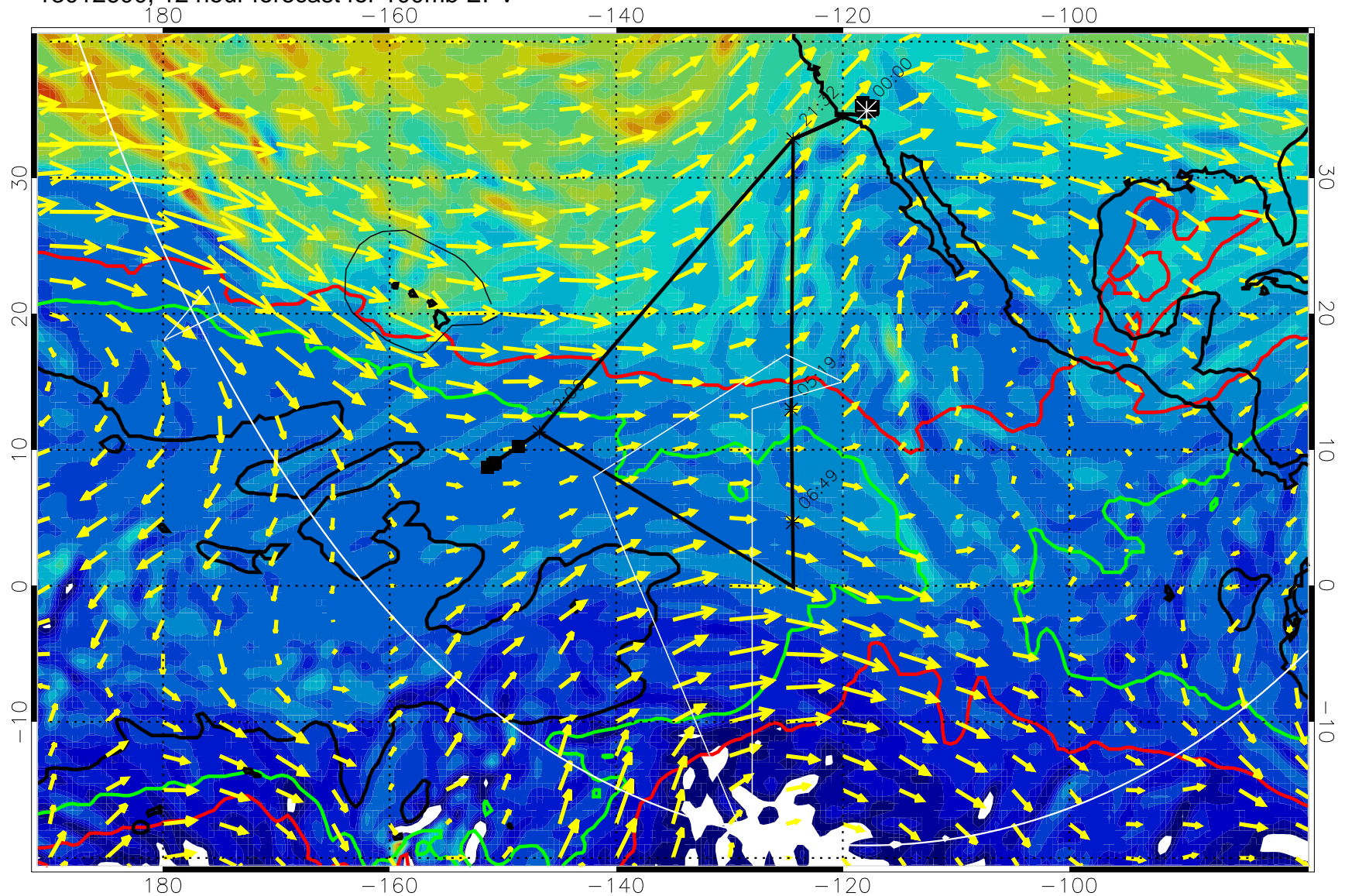


190K Isotherm 192.5K Isotherm 195K Isotherm

→ 50 m/s

Range ring of 6000 km -- 19 hours GH round trip

13012600, 12 hour forecast for 100mb EPV

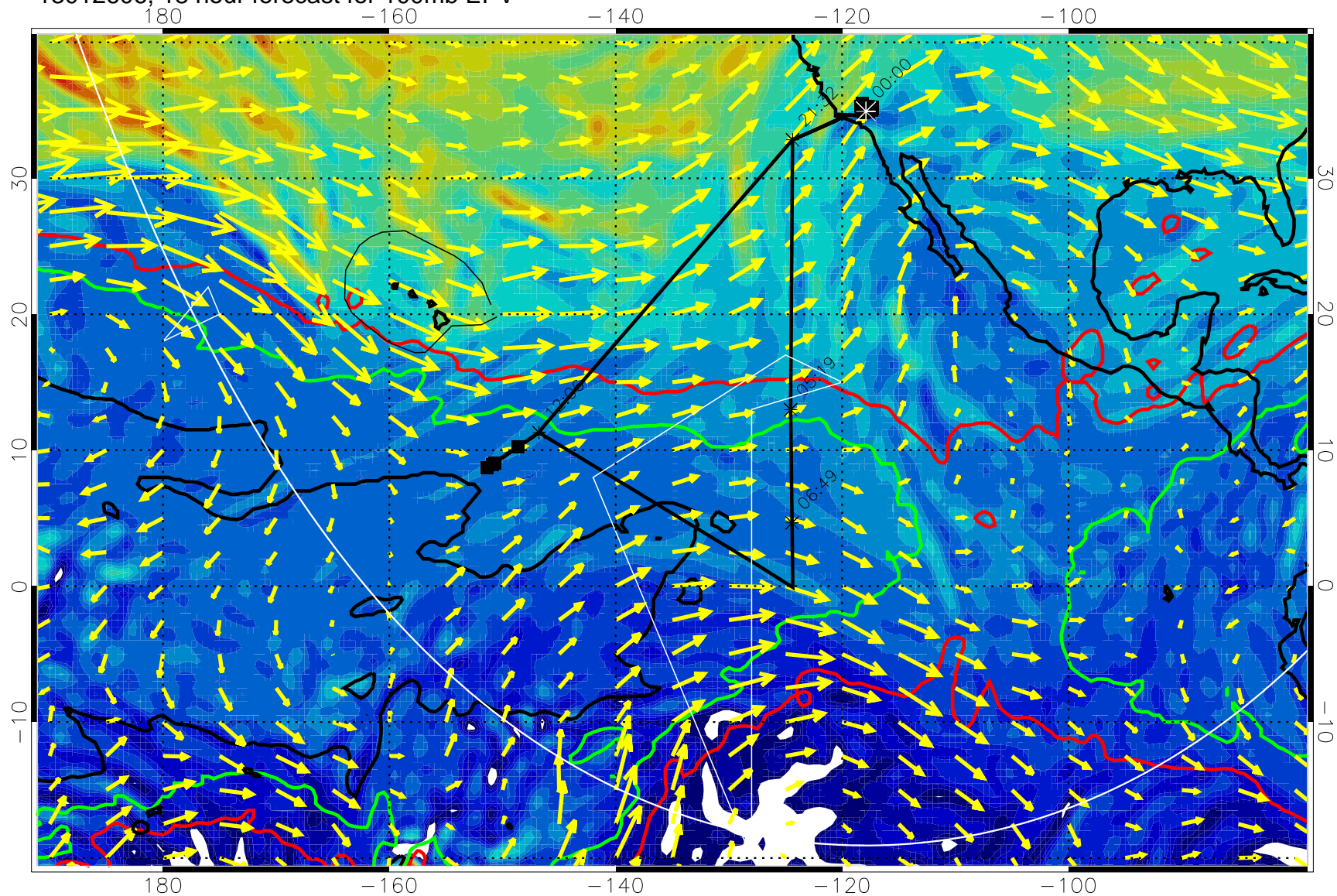


190K Isotherm 192.5K Isotherm 195K Isotherm

→ 50 m/s

Range ring of 6000 km -- 19 hours GH round trip

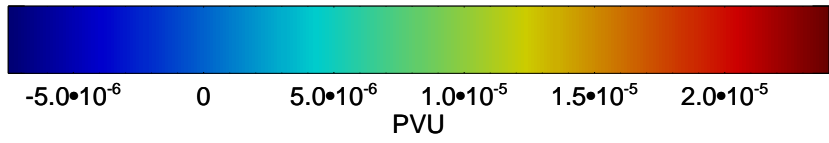
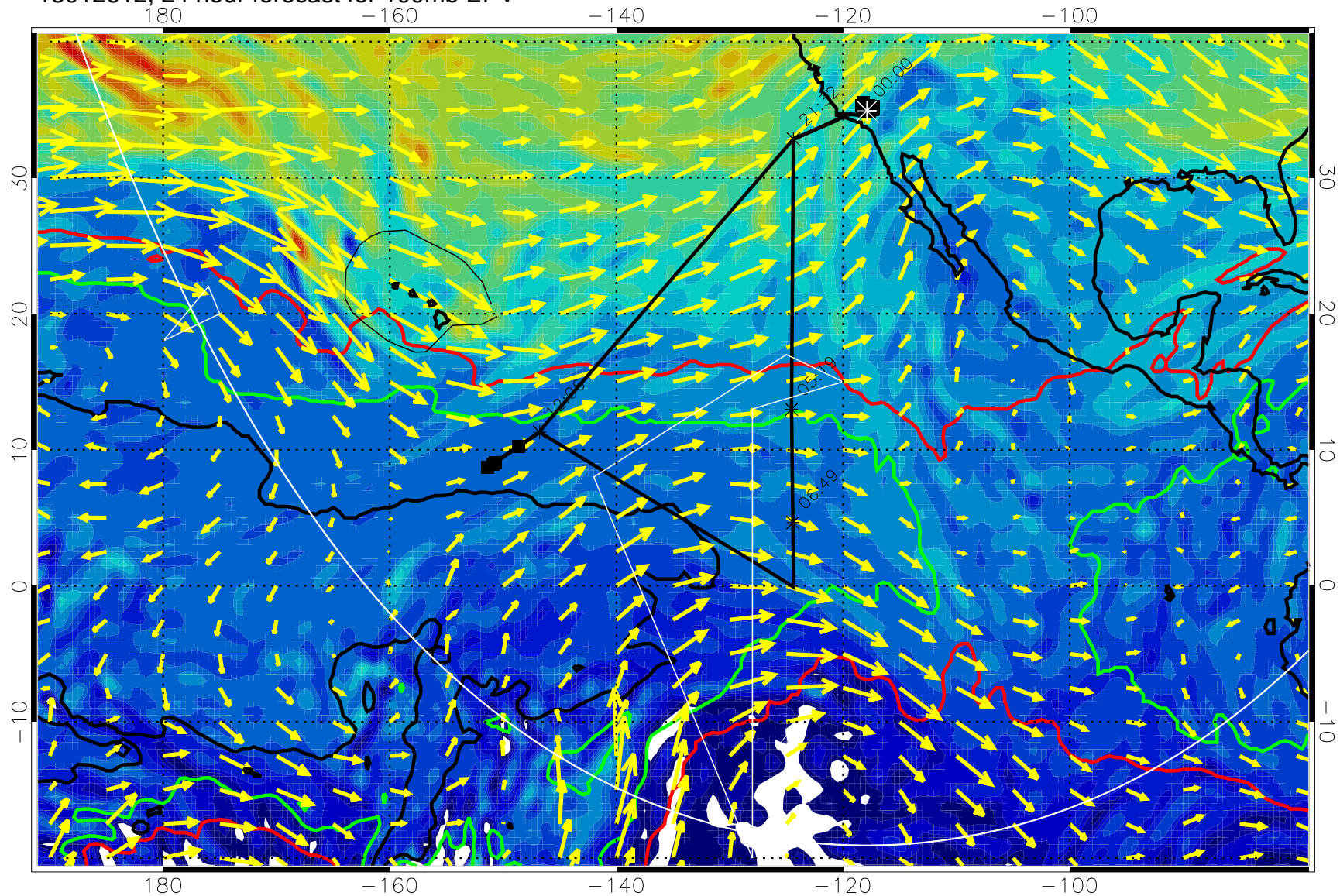
13012606, 18 hour forecast for 100mb EPV



190K Isotherm 192.5K Isotherm 195K Isotherm

→ 50 m/s
Range ring of 6000 km -- 19 hours GH round trip

13012612, 24 hour forecast for 100mb EPV

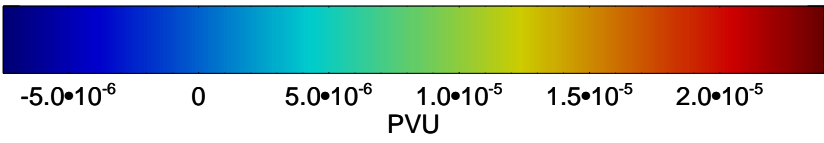
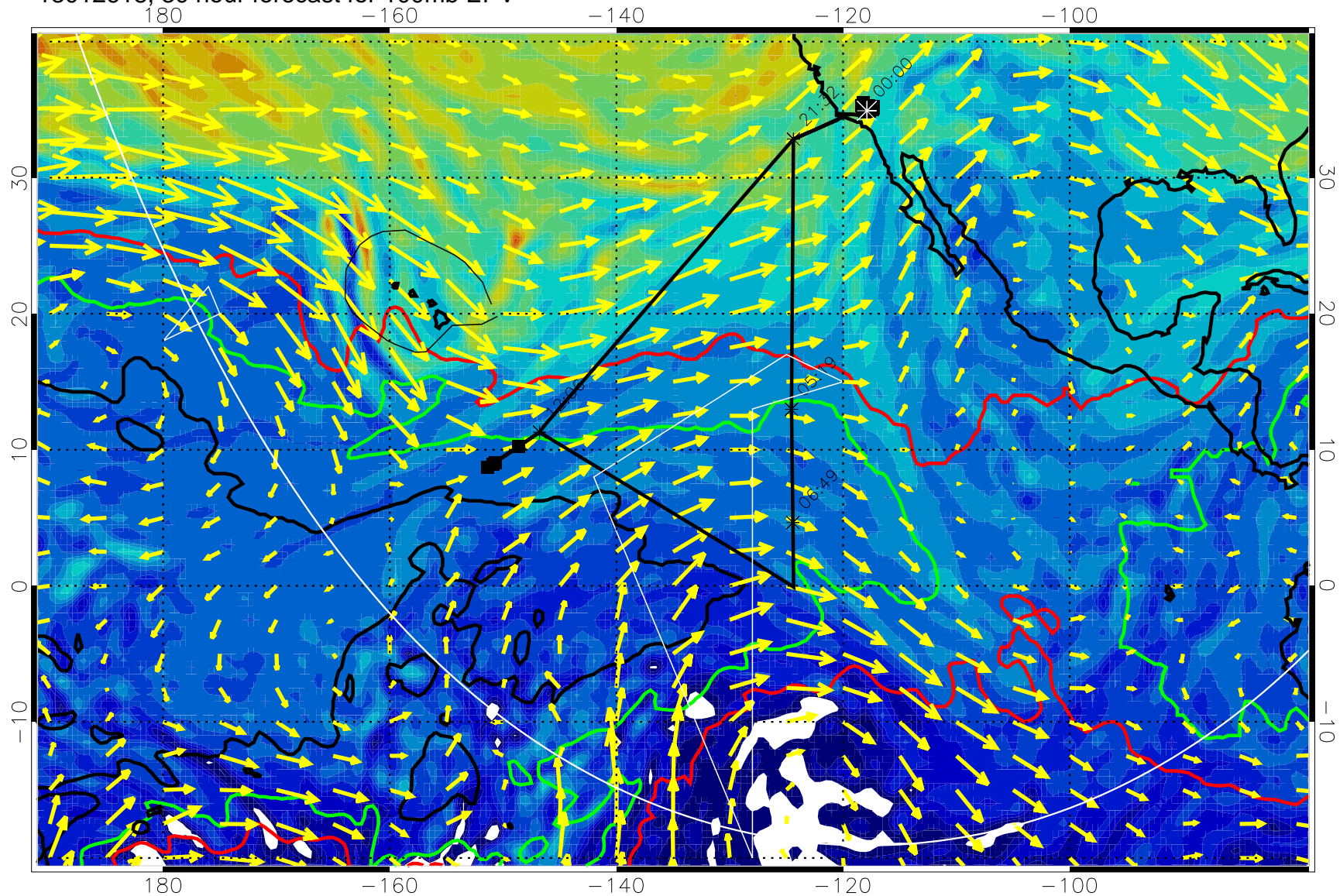


190K Isotherm 192.5K Isotherm 195K Isotherm

→ 50 m/s

Range ring of 6000 km -- 19 hours GH round trip

13012618, 30 hour forecast for 100mb EPV

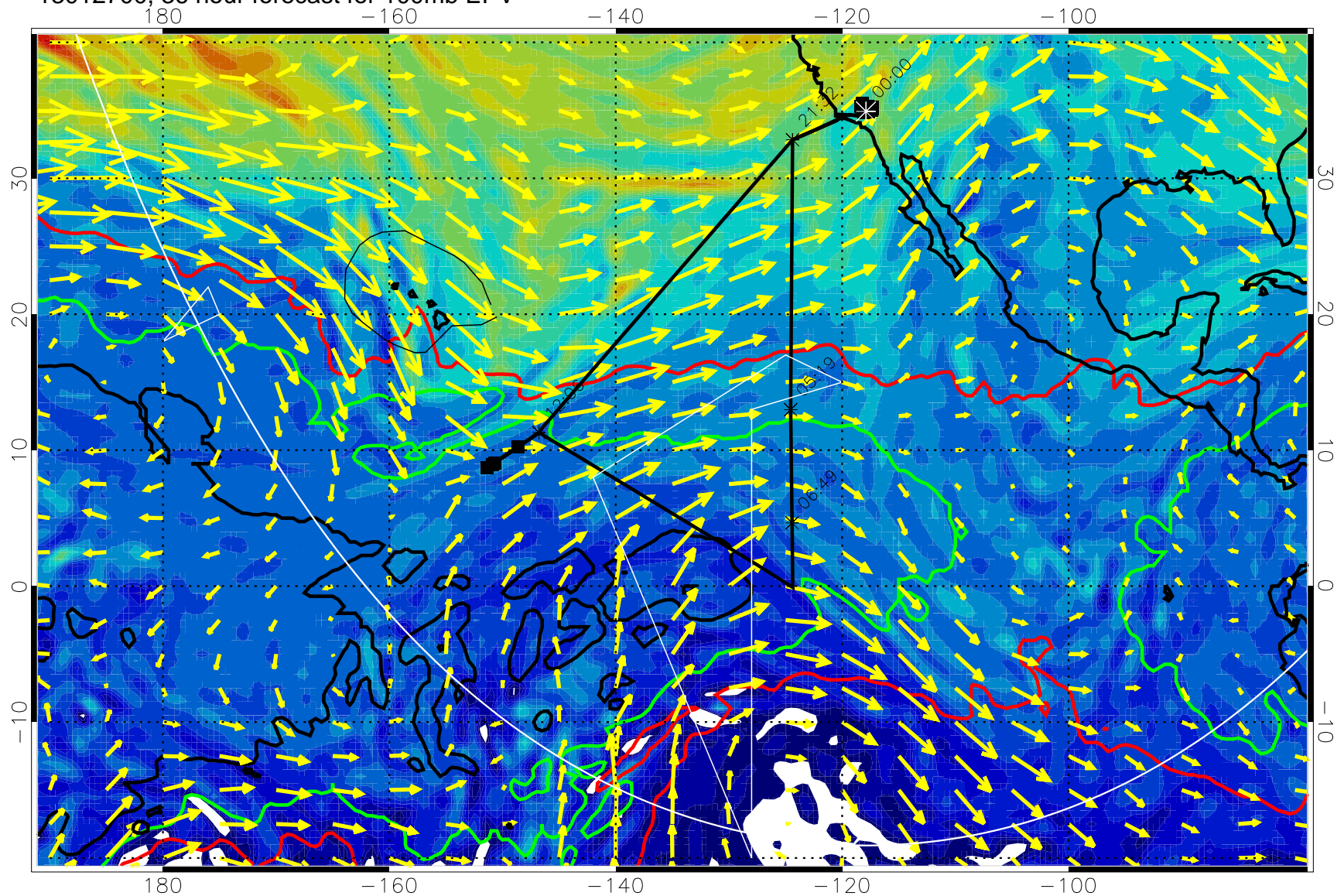


190K Isotherm 192.5K Isotherm 195K Isotherm

→ 50 m/s

Range ring of 6000 km -- 19 hours GH round trip

13012700, 36 hour forecast for 100mb EPV

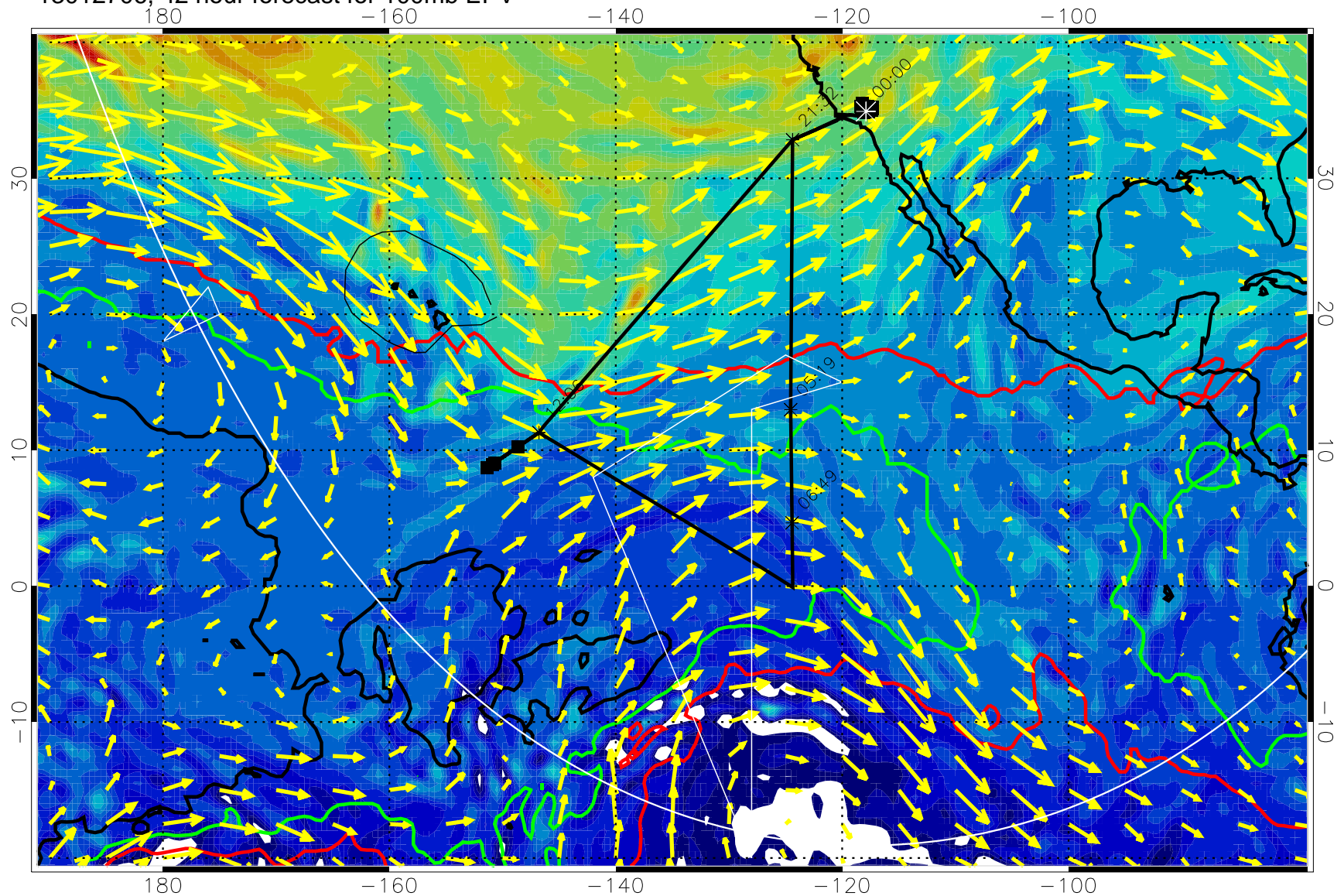


190K Isotherm 192.5K Isotherm 195K Isotherm

→ 50 m/s

Range ring of 6000 km -- 19 hours GH round trip

13012706, 42 hour forecast for 100mb EPV

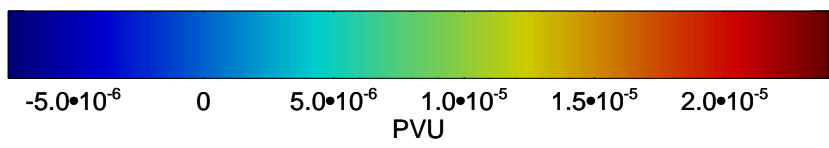
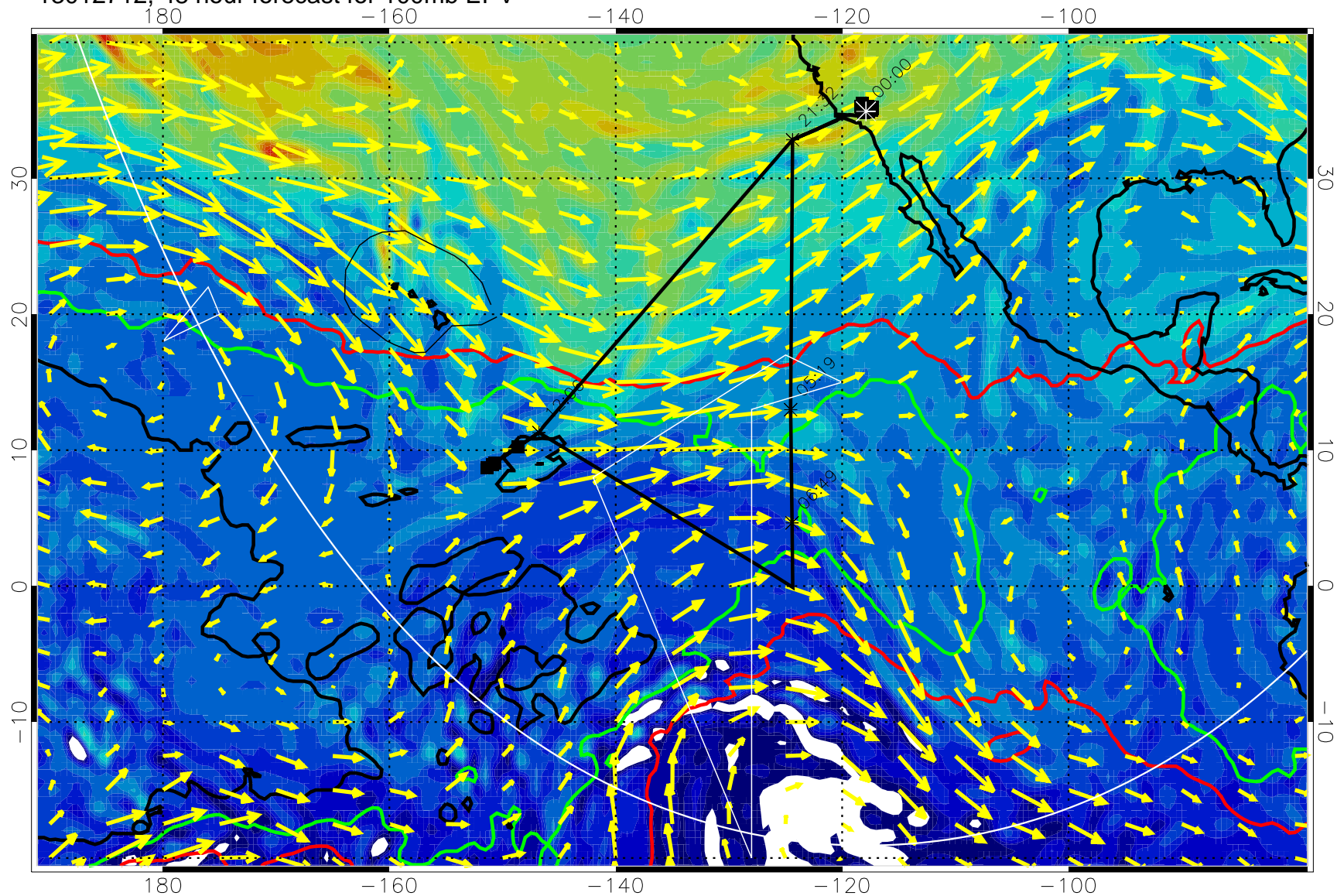


190K Isotherm 192.5K Isotherm 195K Isotherm

→ 50 m/s

Range ring of 6000 km -- 19 hours GH round trip

13012712, 48 hour forecast for 100mb EPV

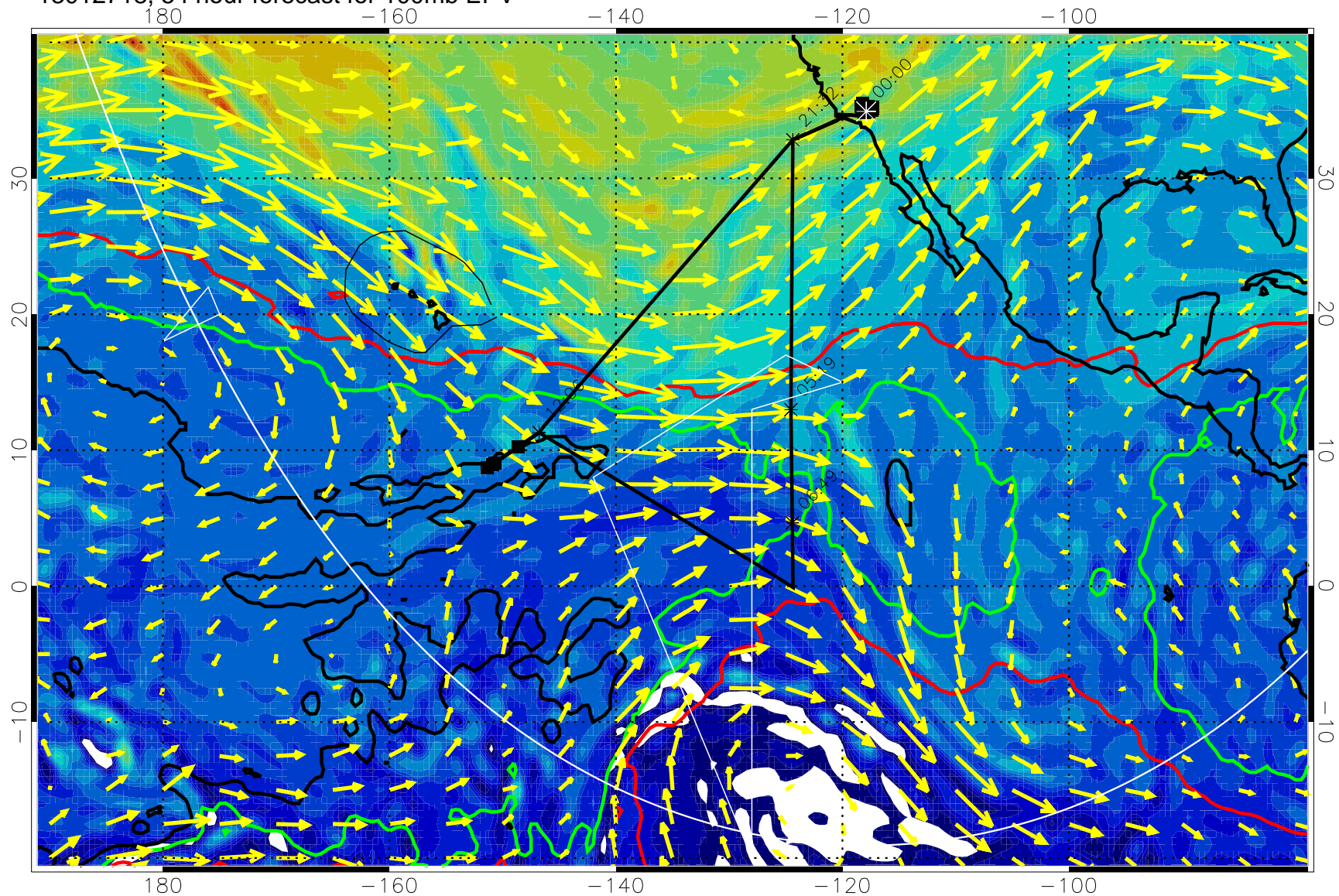


190K Isotherm 192.5K Isotherm 195K Isotherm

→ 50 m/s

Range ring of 6000 km -- 19 hours GH round trip

13012718, 54 hour forecast for 100mb EPV

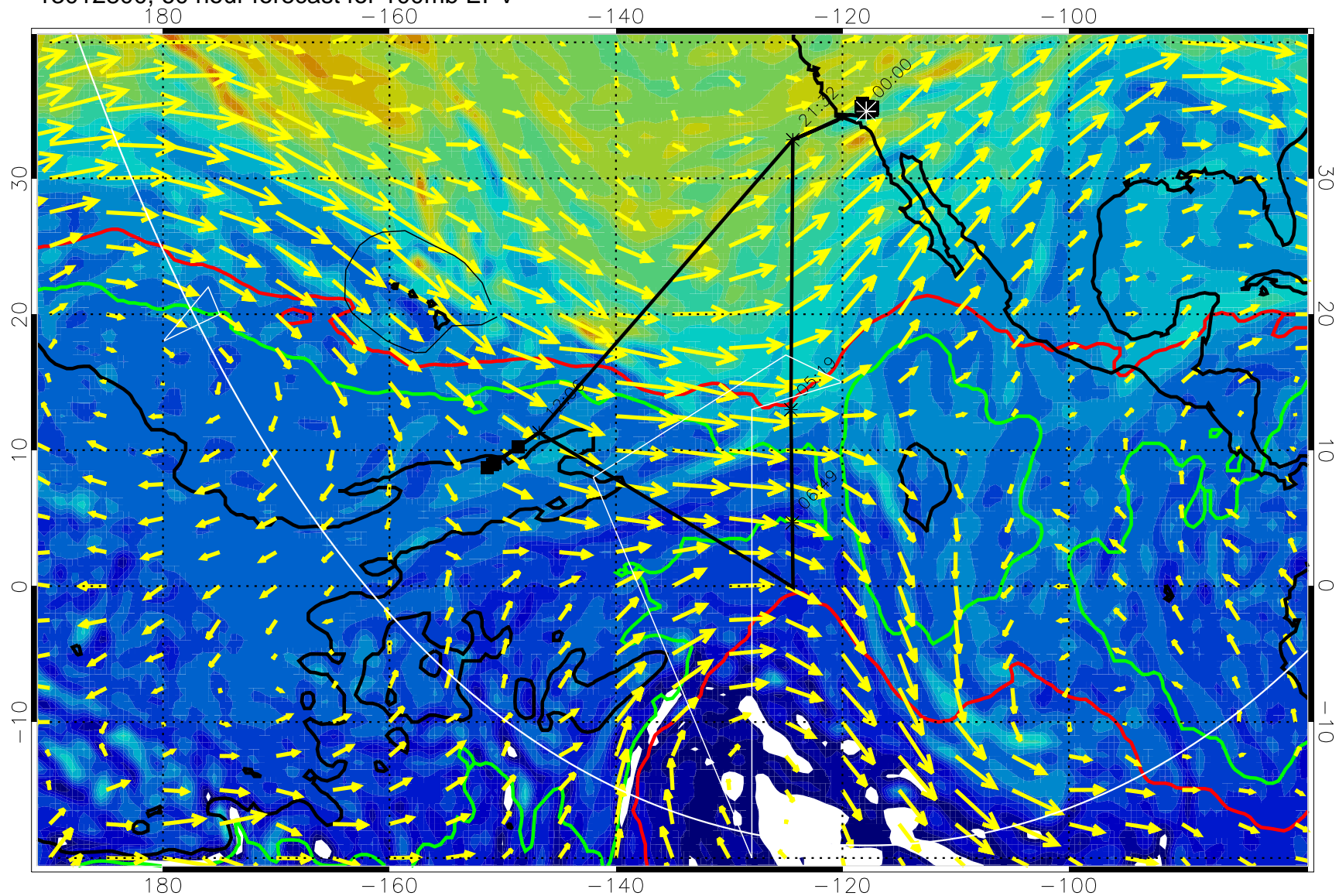


190K Isotherm 192.5K Isotherm 195K Isotherm

→ 50 m/s

Range ring of 6000 km -- 19 hours GH round trip

13012800, 60 hour forecast for 100mb EPV

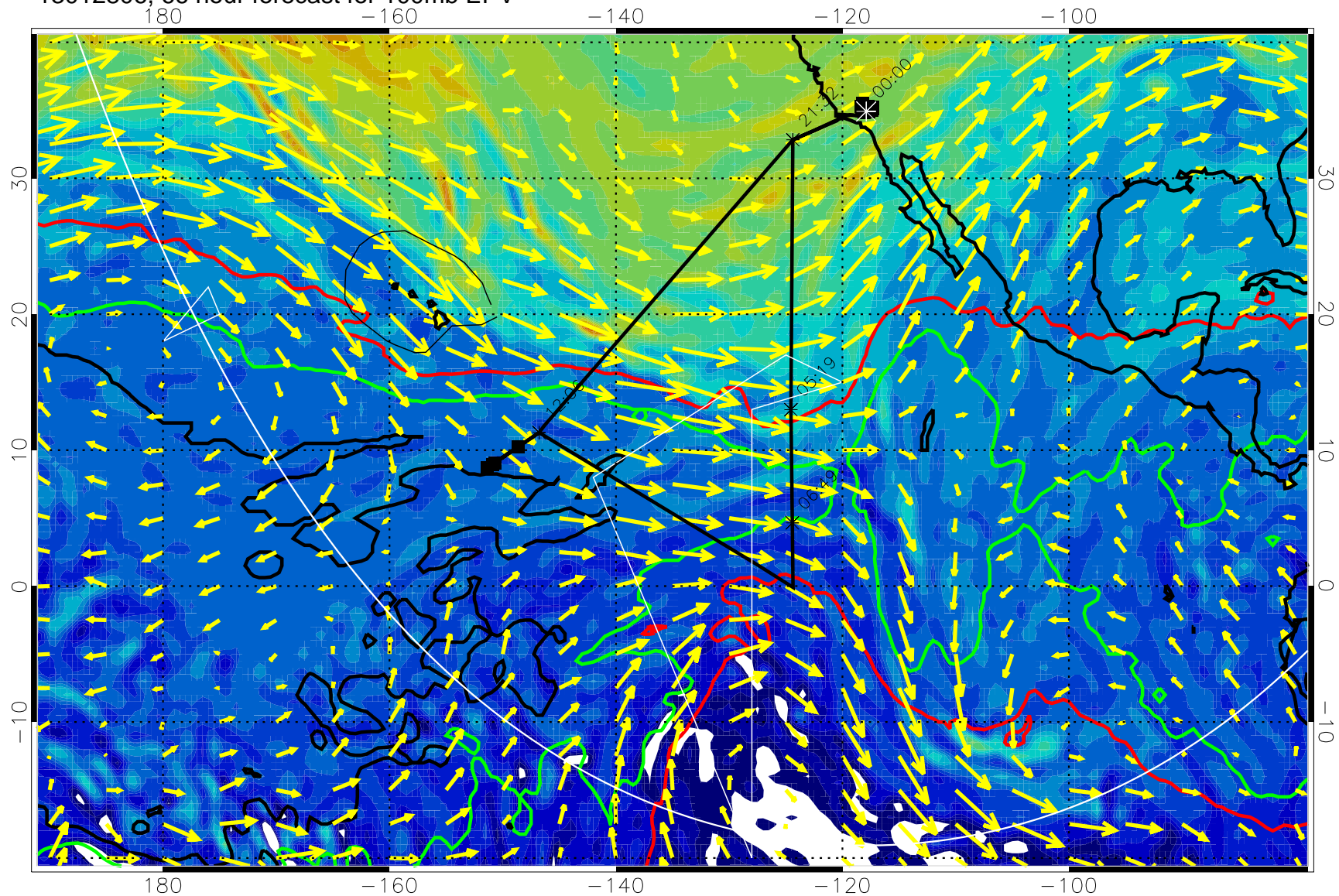


190K Isotherm 192.5K Isotherm 195K Isotherm

→ 50 m/s

Range ring of 6000 km -- 19 hours GH round trip

13012806, 66 hour forecast for 100mb EPV



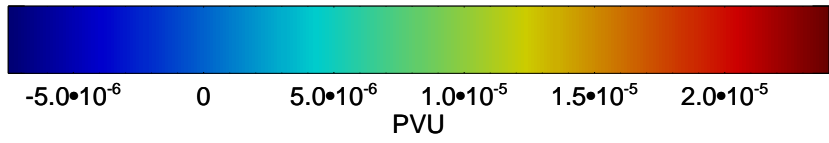
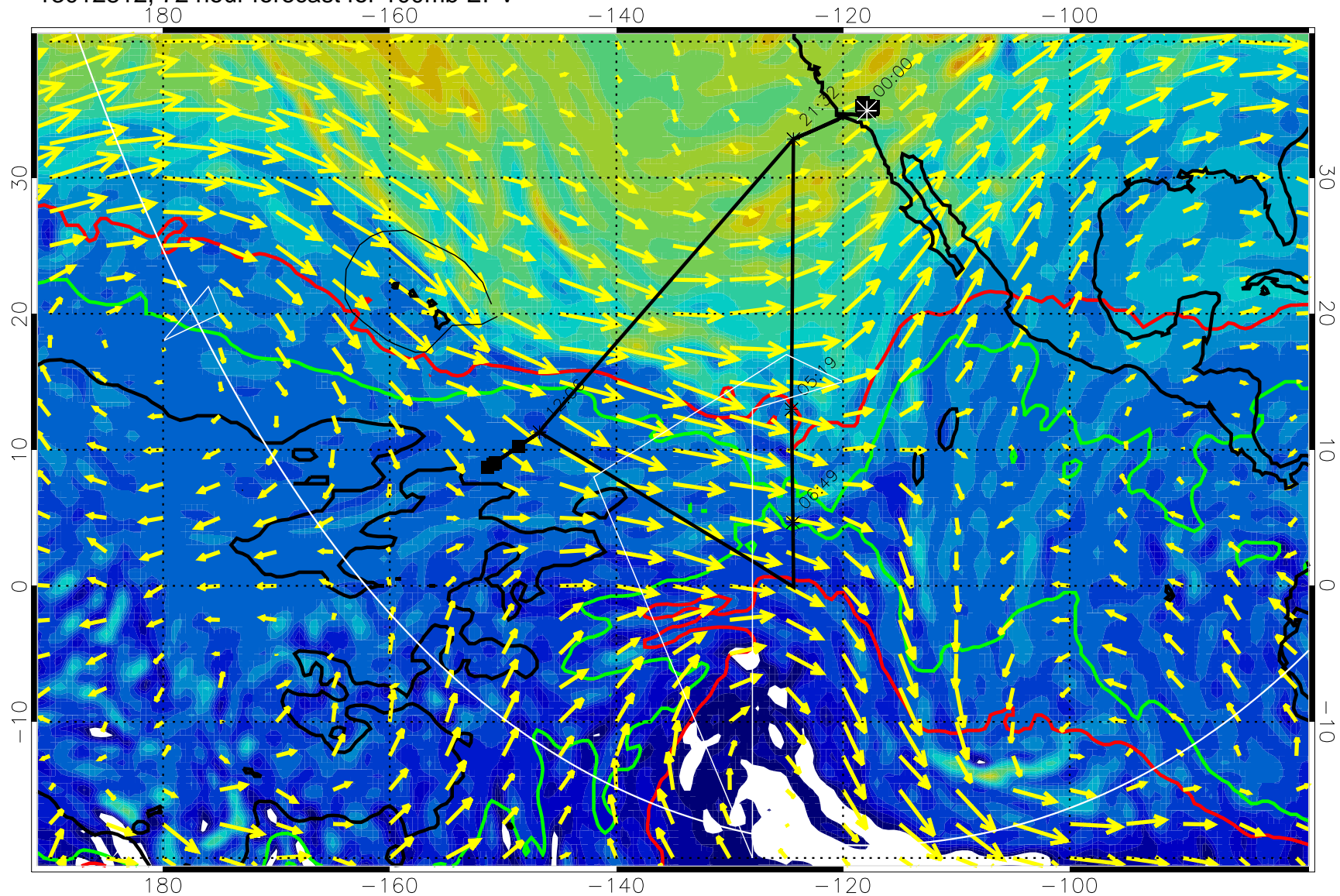
$-5.0 \cdot 10^{-6}$ 0 $5.0 \cdot 10^{-6}$ $1.0 \cdot 10^{-5}$ $1.5 \cdot 10^{-5}$ $2.0 \cdot 10^{-5}$
PVU

190K Isotherm 192.5K Isotherm 195K Isotherm

→ 50 m/s

Range ring of 6000 km -- 19 hours GH round trip

13012812, 72 hour forecast for 100mb EPV

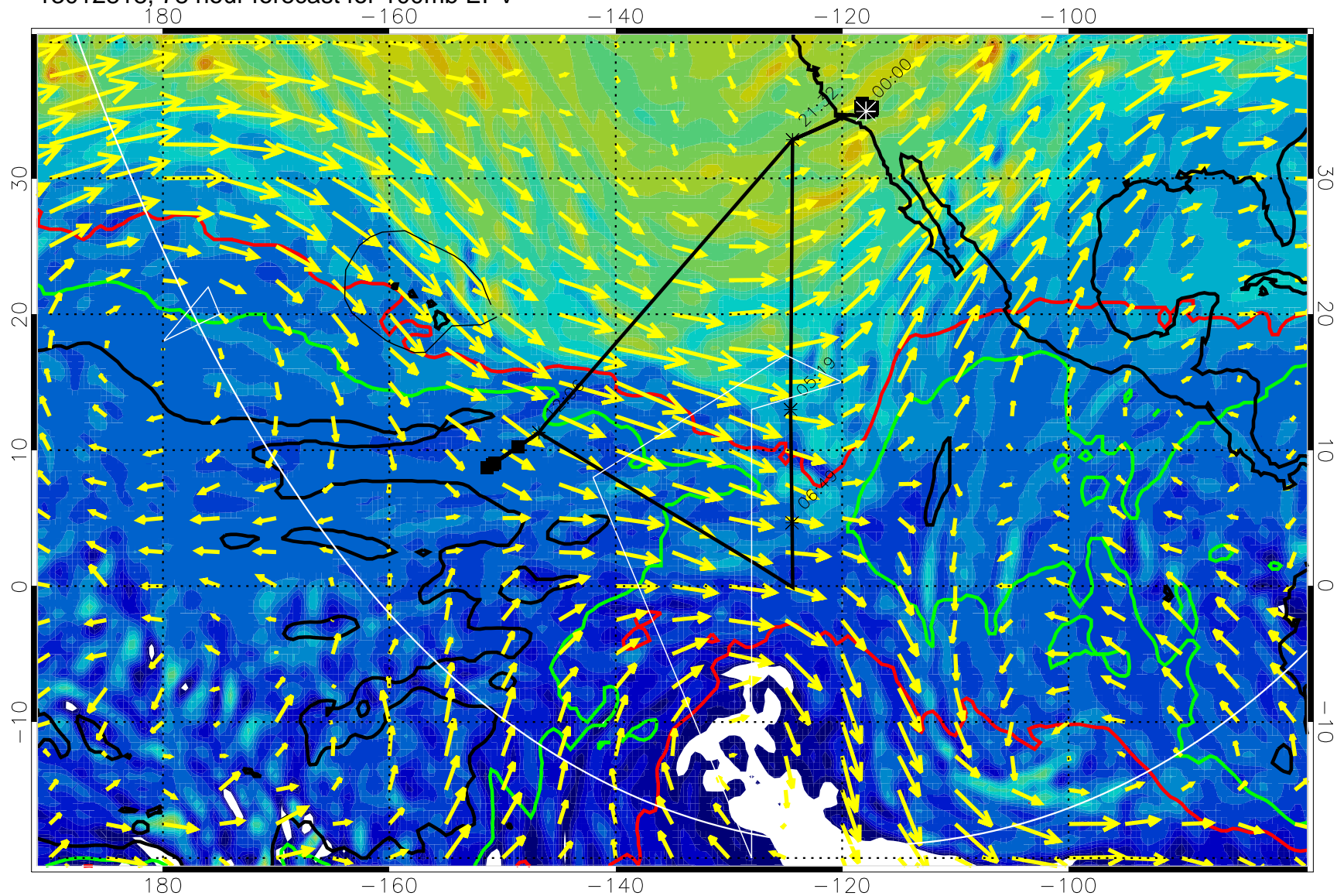


190K Isotherm 192.5K Isotherm 195K Isotherm

→ 50 m/s

Range ring of 6000 km -- 19 hours GH round trip

13012818, 78 hour forecast for 100mb EPV

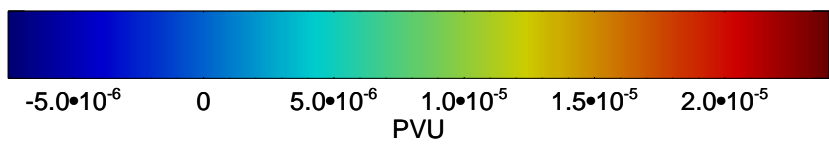
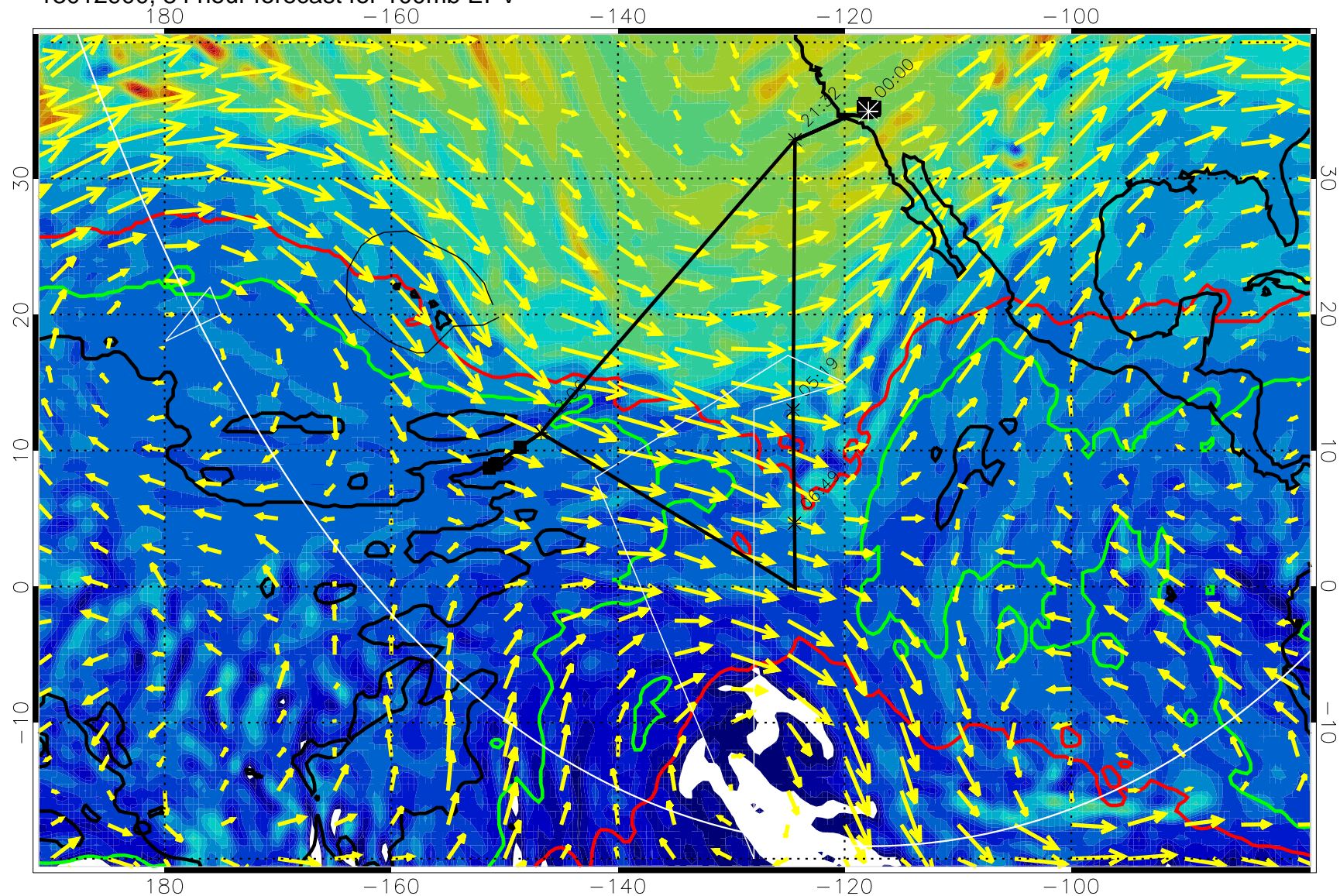


190K Isotherm 192.5K Isotherm 195K Isotherm

→ 50 m/s

Range ring of 6000 km -- 19 hours GH round trip

13012900, 84 hour forecast for 100mb EPV

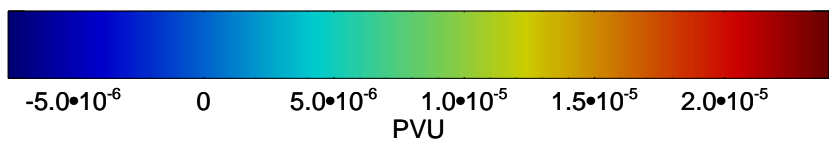
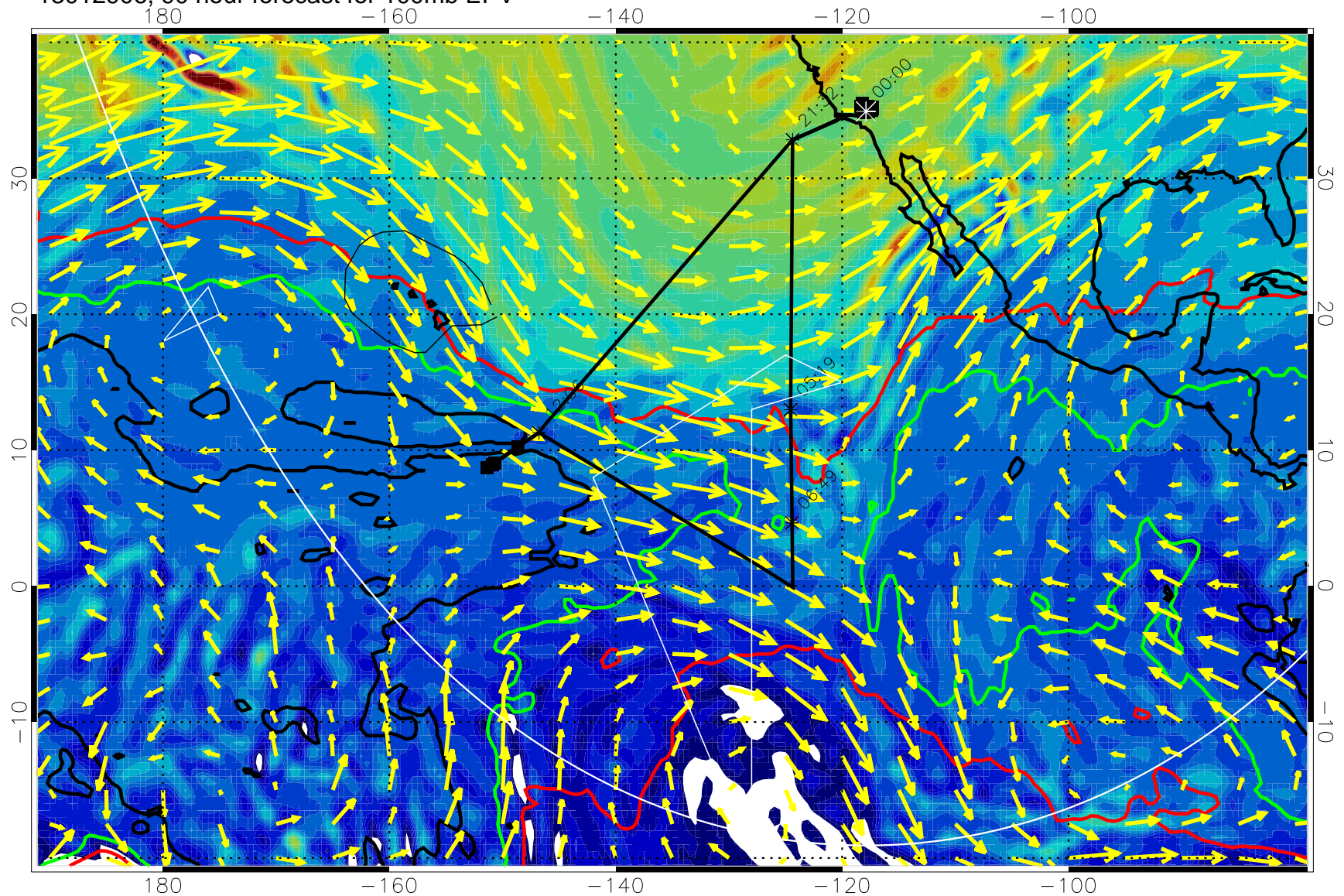


190K Isotherm 192.5K Isotherm 195K Isotherm

→ 50 m/s

Range ring of 6000 km -- 19 hours GH round trip

13012906, 90 hour forecast for 100mb EPV

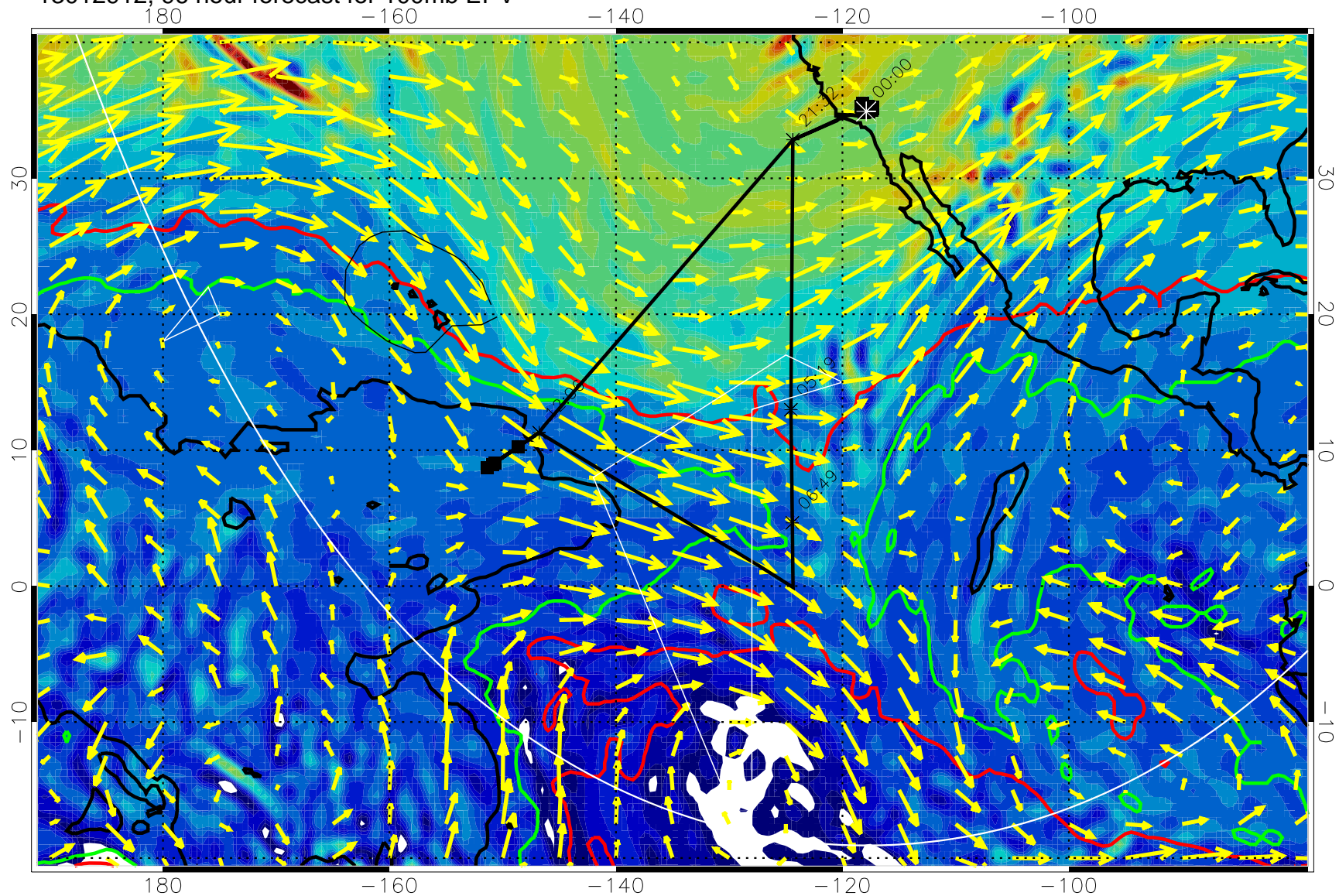


190K Isotherm 192.5K Isotherm 195K Isotherm

→ 50 m/s

Range ring of 6000 km -- 19 hours GH round trip

13012912, 96 hour forecast for 100mb EPV

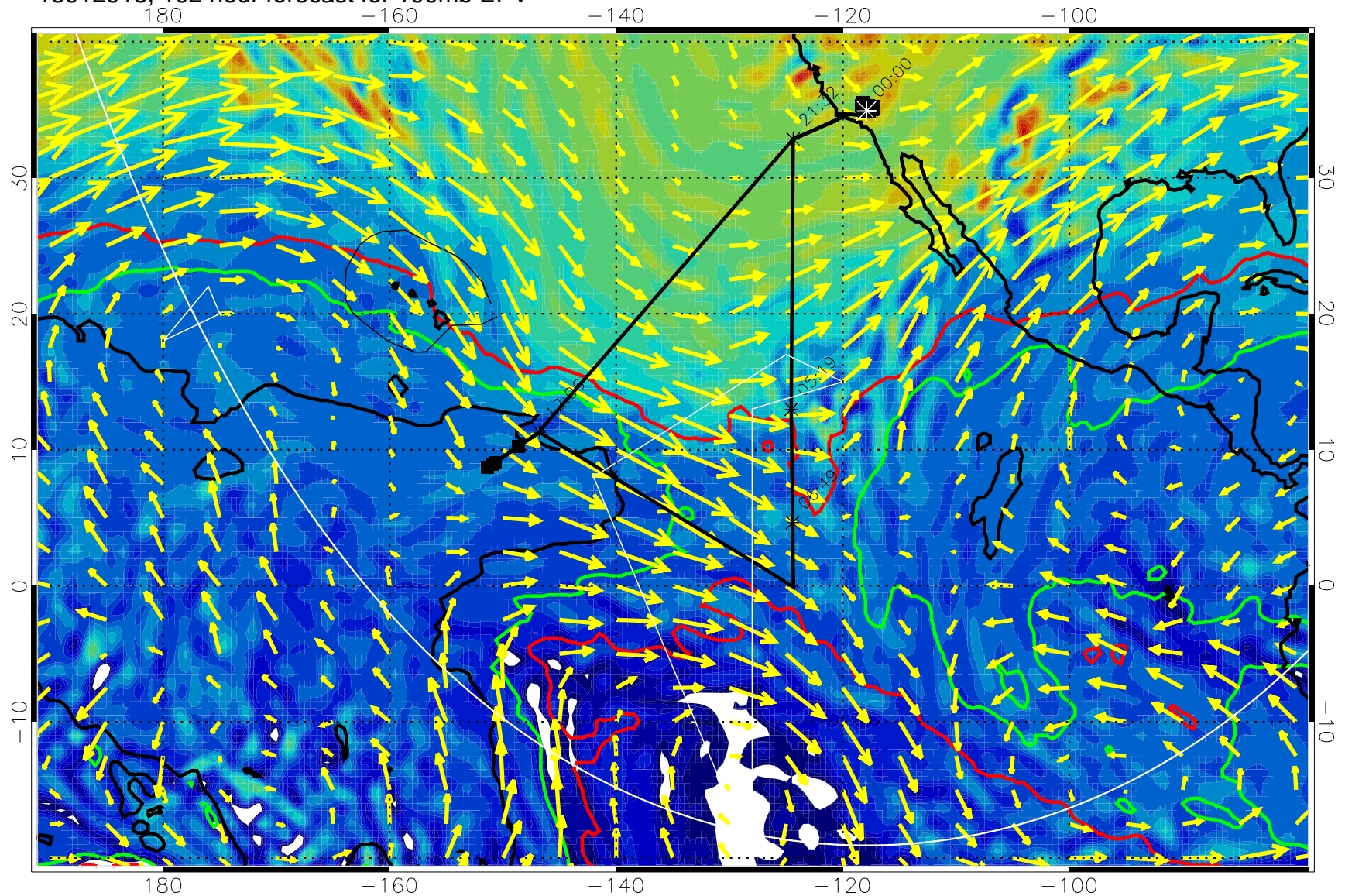


190K Isotherm 192.5K Isotherm 195K Isotherm

→ 50 m/s

Range ring of 6000 km -- 19 hours GH round trip

13012918, 102 hour forecast for 100mb EPV

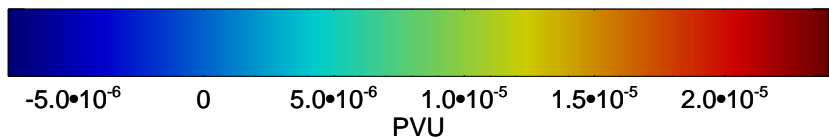
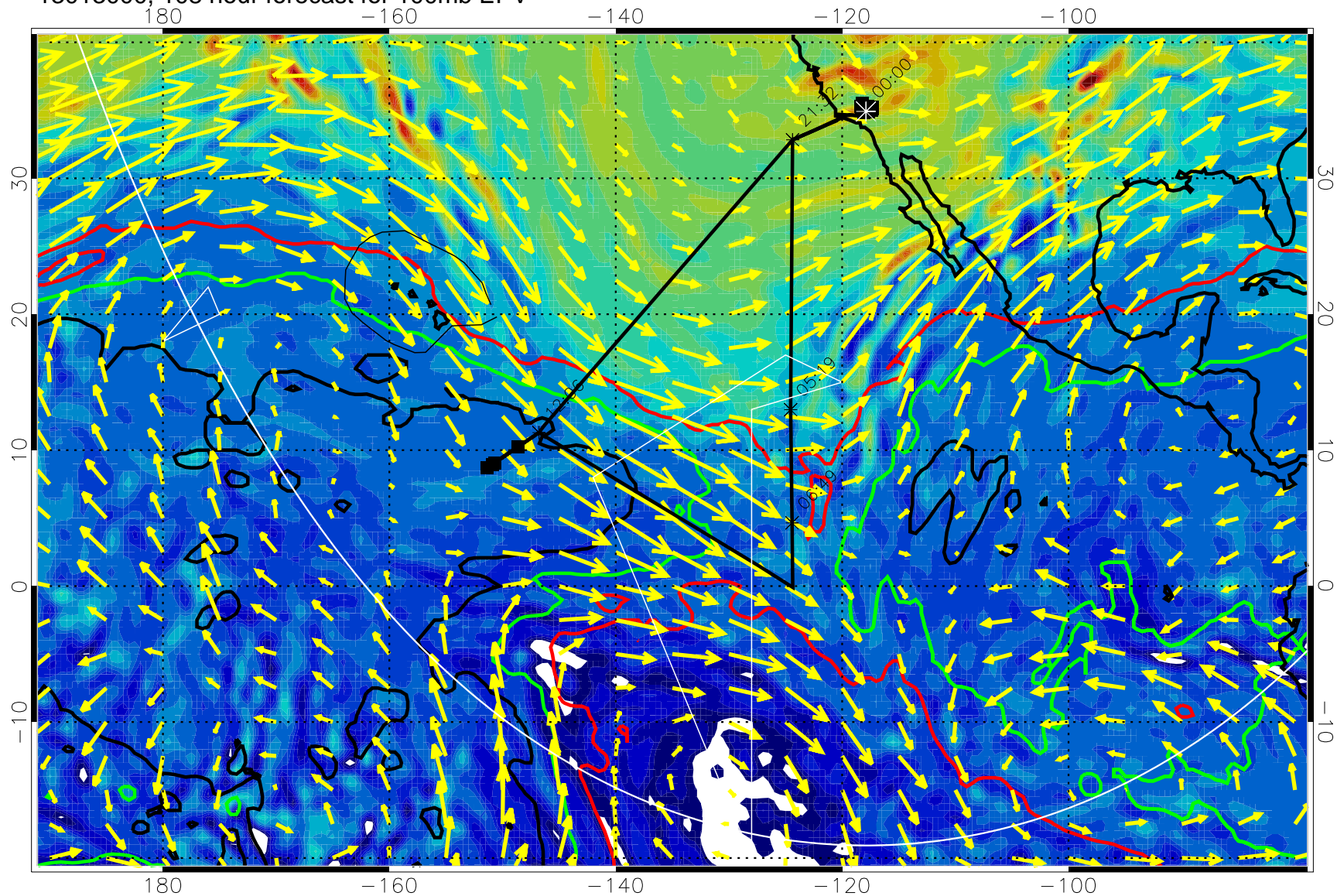


190K Isotherm 192.5K Isotherm 195K Isotherm

→ 50 m/s

Range ring of 6000 km -- 19 hours GH round trip

13013000, 108 hour forecast for 100mb EPV

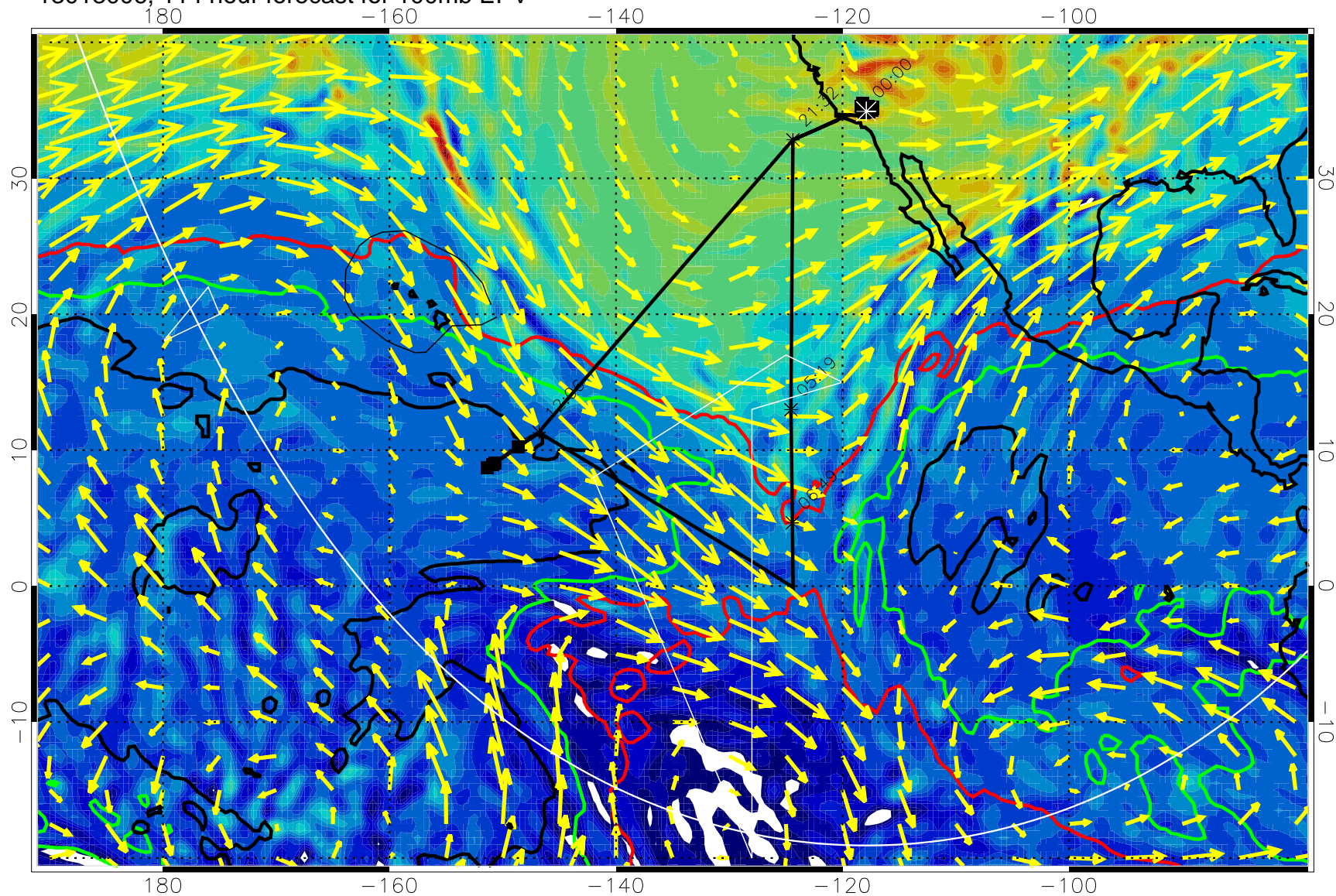


190K Isotherm 192.5K Isotherm 195K Isotherm

→ 50 m/s

Range ring of 6000 km -- 19 hours GH round trip

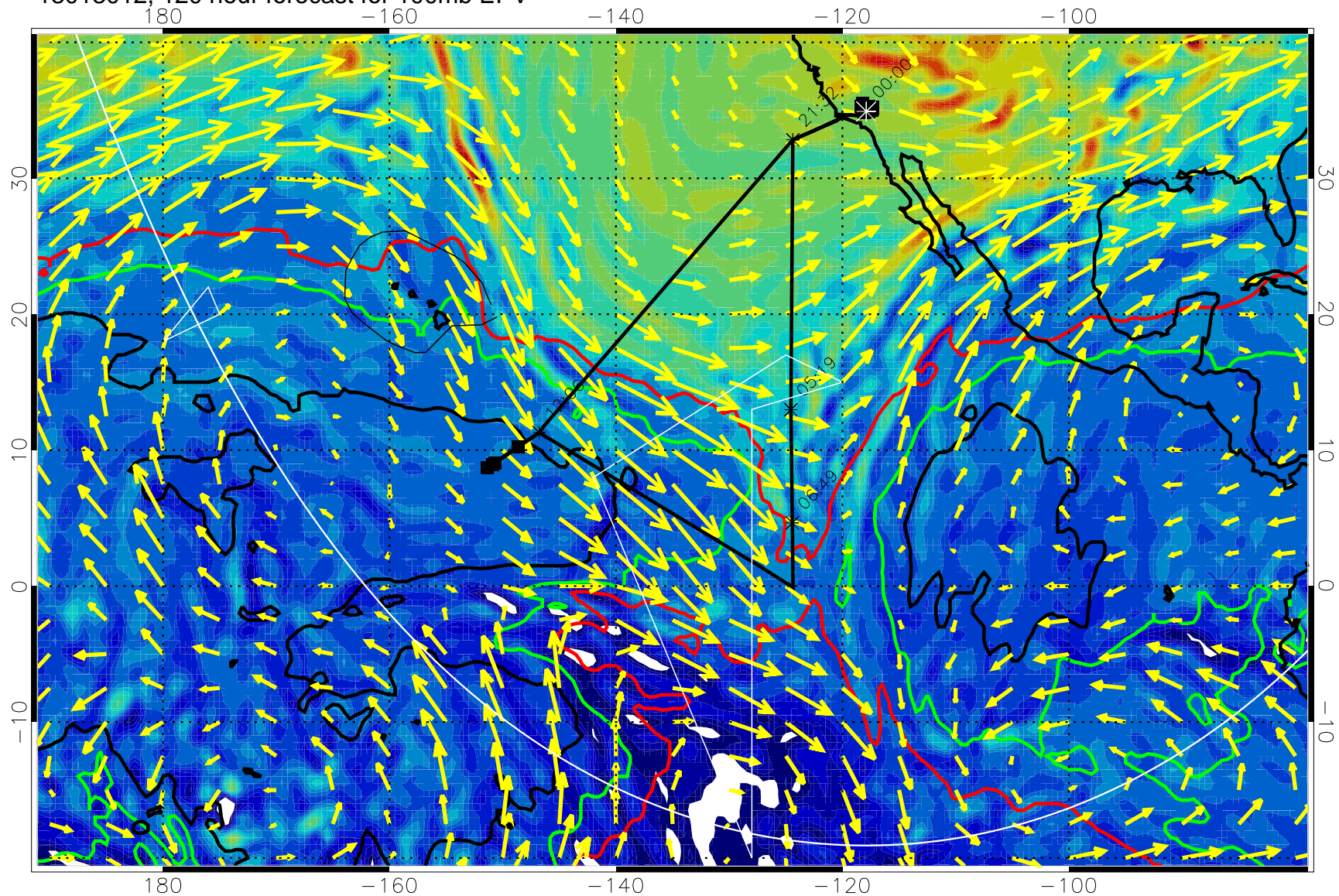
13013006, 114 hour forecast for 100mb EPV



190K Isotherm 192.5K Isotherm 195K Isotherm

→ 50 m/s
Range ring of 6000 km -- 19 hours GH round trip

13013012, 120 hour forecast for 100mb EPV



190K Isotherm 192.5K Isotherm 195K Isotherm

→ 50 m/s

Range ring of 6000 km -- 19 hours GH round trip